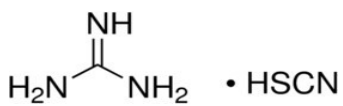




## GUANIDINE THIOCYANATE

<b>PRODUCT CODE</b>	<b>R09394</b>	
<b>SYNONYMS</b>	(Guanidine isothiocyanate) (Guanidinium thiocyanate; Guanidinium rhodanide)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(593-84-0)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>2</sub> H <sub>6</sub> N <sub>4</sub> S	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	118.16	
<b>PROPERTIES</b>	RNA solubilising agent, powerful protein denaturant	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White to light yellow crystalline powder.	
Solubility	4M Solution in water is clear and colourless.	
Minimum Assay (Argentometric)	99.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Barium (Ba)	0.0005%	
Heavy metals (as Pb)	0.0005%	
Iron (Fe)	0.0005%	
RNases, DNases	None detected.	
<b>Note(s): Assay (if applicable) method mentioned.</b>		
<b>DANGER</b>	<b>Hazard statements:</b> Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. Suspected of damaging the unborn child.	IMDG Code : 8 / III UN No. 1759 IATA 8
<b>PRECAUTIONARY STATEMENTS</b>	<b>Prevention:</b> Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Wash hands thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well ventilated area. Obtain special instructions before use. Do not eat, drink or smoke when using this product. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical attention advice. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.	
<b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation. .		
<b>Hazard Pictogram(s) :-</b>		
  <p>GHS05                      GHS07</p>		

replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: [rehsiffscientific@gmail.com](mailto:rehsiffscientific@gmail.com), [www.rehsiffscientific.com](http://www.rehsiffscientific.com)

